

1. Record Nr.	UNINA9910462030103321
Titolo	Groups, difference sets, and the monster [[electronic resource]] : proceedings of a special research quarter at the Ohio State University, spring 1993 // editors K.T. Arasu ... [et. al.]
Pubbl/distr/stampa	Berlin ; ; New York, : Walter de Gruyter, 1996
ISBN	3-11-089310-X
Edizione	[Reprint 2011]
Descrizione fisica	1 online resource (476 p.)
Collana	Ohio State University Mathematical Research Institute publications ; ; 4
Altri autori (Persone)	ArasuK. T. <1954->
Disciplina	512/.55
Soggetti	Finite groups Difference sets Number theory Mathematical physics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front matter -- Preface -- PART I GROUPS AND GEOMETRY -- On flag-transitive c.c*-geometries / Baumeister, Barbara -- On the 1-cohomology of the groups $SL_4(2n)$, $SU_4(2n)$, and $Sp_{2n}(2)$ / Dowd, Michael F. -- About a conjecture of Guralnick and Thompson / Frohardt, Daniel / Magaard, Kay -- On the Suzuki groups and the outer automorphisms of S_6 / Glauberman, George -- Note on Lie algebras, finite groups and finite geometries / Kantor, William M. -- m-systems and the BLT property / Shult, Ernest -- A block complex collapsing to the Brauer tree / Smith, Stephen D. -- Some sporadic geometries / Stroth, G. -- The uniqueness case / Stroth, G. -- PART II DIFFERENCE SETS -- Exponent bounds for a family of abelian difference sets / Arasu, K.T. / Davis, James A. / Jedwab, Jonathan / Ma, Siu Lun / McFarland, Robert L. -- A survey of Hadamard difference sets / Davis, James A. / Jedwab, Jonathan -- Difference sets in nilpotent groups with large Frattini quotient: geometric methods and $(375, 34, 3)$ / Liams, Joel E. / Liebler, Robert A. / Smith, Kenneth W. -- A difference set construction of Turyn adapted to semi-direct products / Meisner, D. B. -- Difference sets in groups of order $4p^4$ / Pollatsek, Harriet -- A

survey on relative difference sets / Pott, Alexander -- Williamson
matrices and difference sets / Xia, Ming-yuan -- Note on Paley type
partial difference sets / Xiang, Qing -- PART II THE MONSTER -- Anti-
bracket formalism with the Kahler geometry / Aoyama, S. -- Singular
values of Thompson series / Chen, Imin / Yui, Noriko -- Understanding
groups like $O(N)$ / Conway, J. H. -- The Monster construction /
Conway, J. H. -- On vertex operator algebras as sl_2 -modules / Dong,
Chongying / Lin, Zongzhu / Mason, Geoffrey -- Lattices and
generalized Hecke operators / Ferenbaugh, Charles R. -- Codes, loops
and p -locals / Griess, Robert L. -- A generalization of Kac-Moody
algebras / Harada, K. / Miyamoto, M. / Yamada, H. -- A note on the
elliptic curves of Harada-Lang / McKay, John -- Ternary codes and 3-
orbifold constructions of conformal field theories / Montague, P. S. --
Non-monstrous moonshine / Norton, S. P. -- Monstrous Moonshine
and orbifolds / Tuite, Michael P.
